

FIG. 1

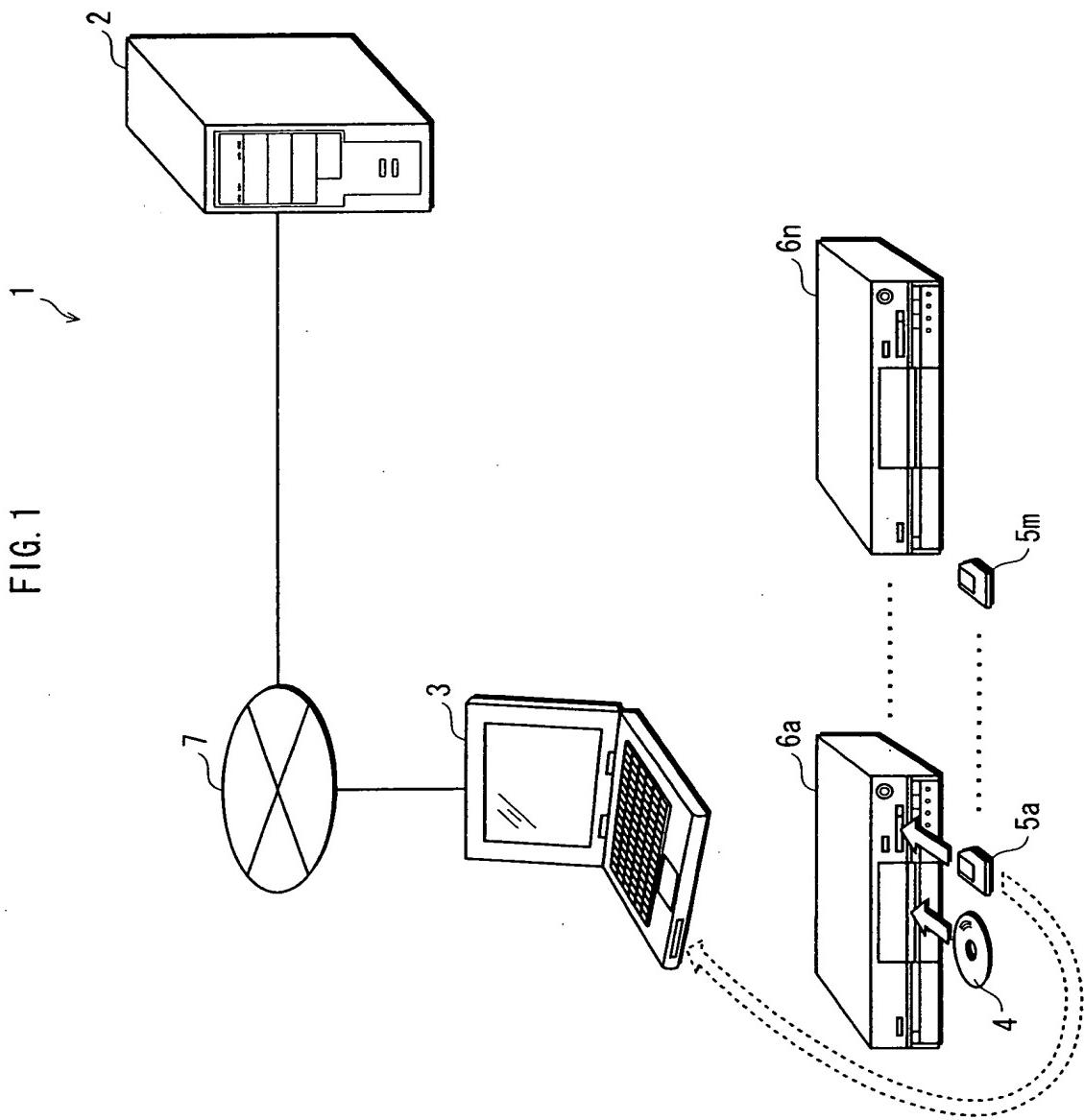


FIG. 2

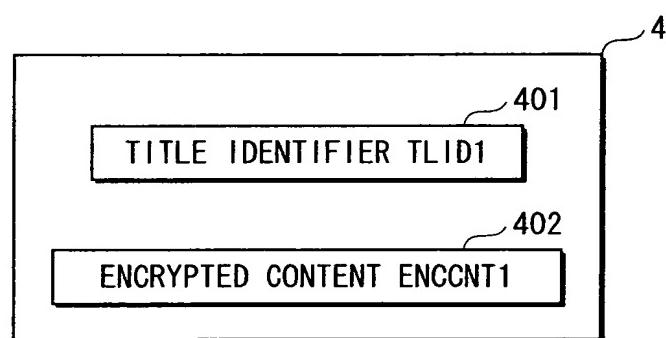


FIG. 3A

501

| USER TERMINAL IDENTIFIER | FIRST USER TERMINAL RANDOM NUMBER | SECOND USER TERMINAL RANDOM NUMBER | TITLE IDENTIFIER | ENCRYPTED TITLE KEY |
|--------------------------|-----------------------------------|------------------------------------|------------------|---------------------|
| 0 | 0 | 0 | 0 | 0 |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

FIG. 3B

501

| USER TERMINAL IDENTIFIER | FIRST USER TERMINAL RANDOM NUMBER | SECOND USER TERMINAL RANDOM NUMBER | TITLE IDENTIFIER | ENCRYPTED TITLE KEY |
|--------------------------|-----------------------------------|------------------------------------|------------------|---------------------|
| TMIDa | TMRND1a | 0 | 0 | 0 |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

511

512

FIG. 3C

501

| USER TERMINAL IDENTIFIER | FIRST USER TERMINAL RANDOM NUMBER | SECOND USER TERMINAL RANDOM NUMBER | TITLE IDENTIFIER | ENCRYPTED TITLE KEY |
|--------------------------|-----------------------------------|------------------------------------|------------------|---------------------|
| TMIDa | TMRND1a | TMRND2a | TLID1 | ENC(Ika, TLK1) |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

513

514

515

516

517

FIG. 3D

501

| USER TERMINAL IDENTIFIER | FIRST USER TERMINAL RANDOM NUMBER | SECOND USER TERMINAL RANDOM NUMBER | TITLE IDENTIFIER | ENCRYPTED TITLE KEY |
|--------------------------|-----------------------------------|------------------------------------|------------------|---------------------|
| TMIDa | TMRND2a | 0 | 0 | 0 |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

518

519

520

521

523

FIG. 4

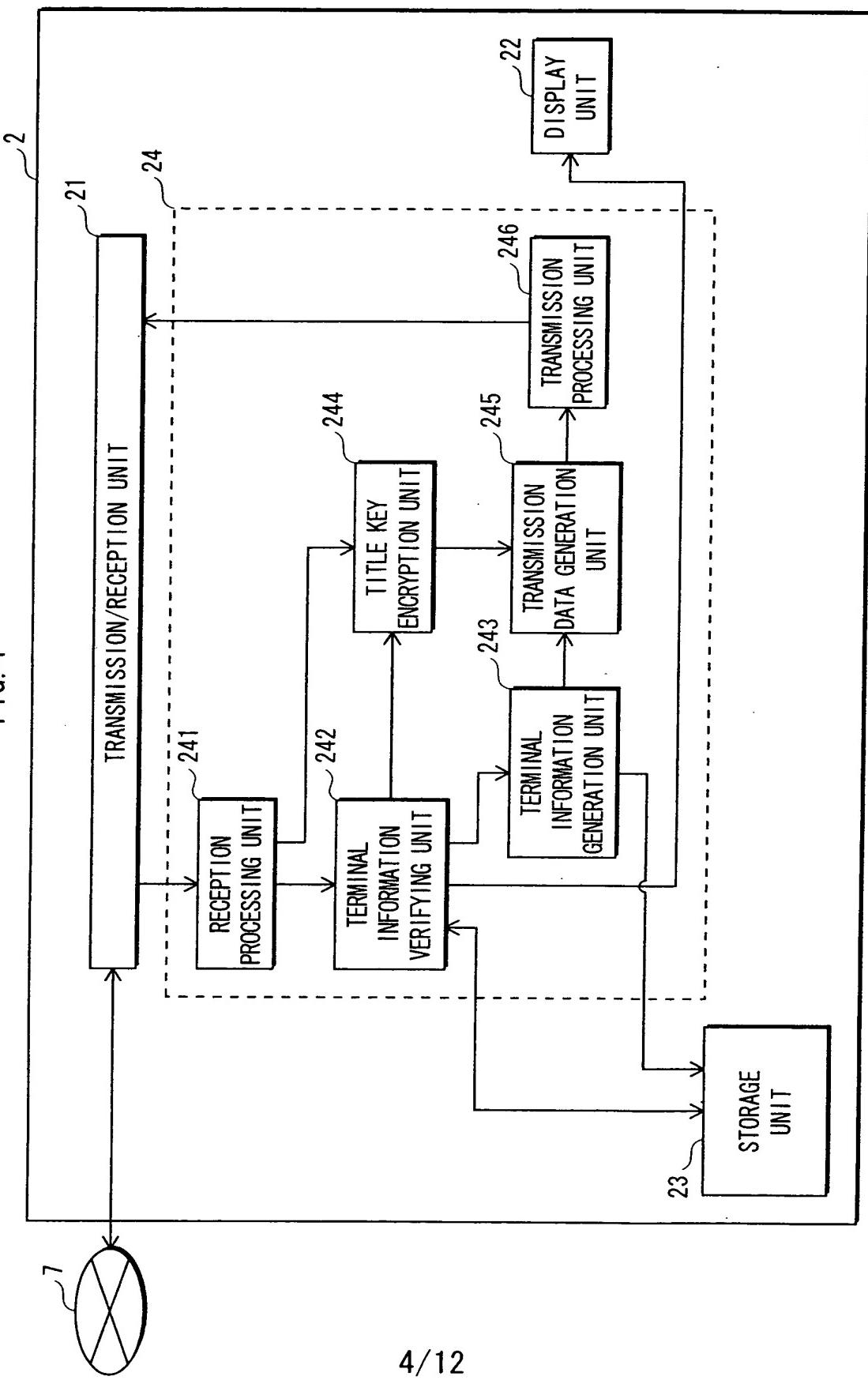


FIG. 5

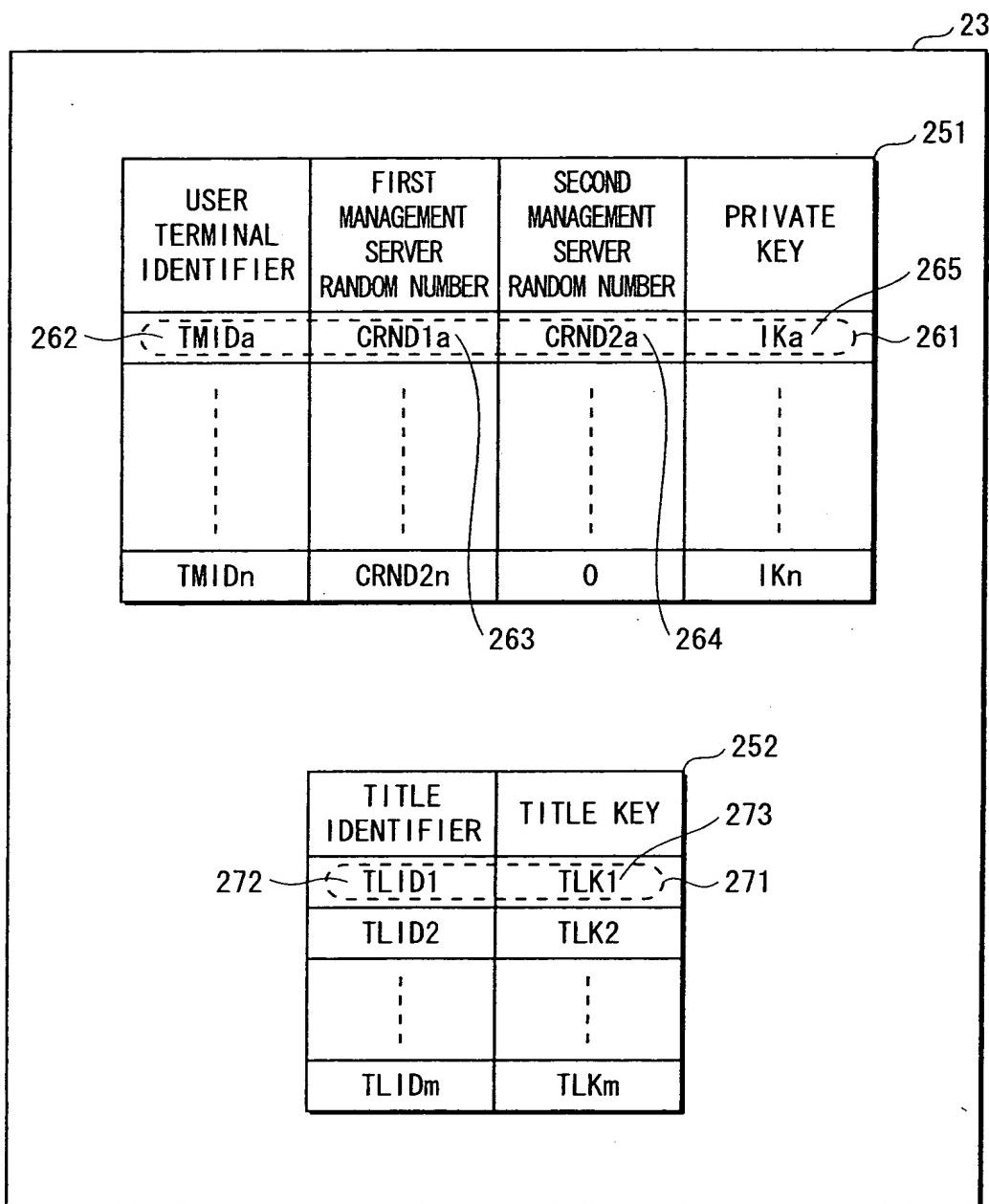


FIG. 6

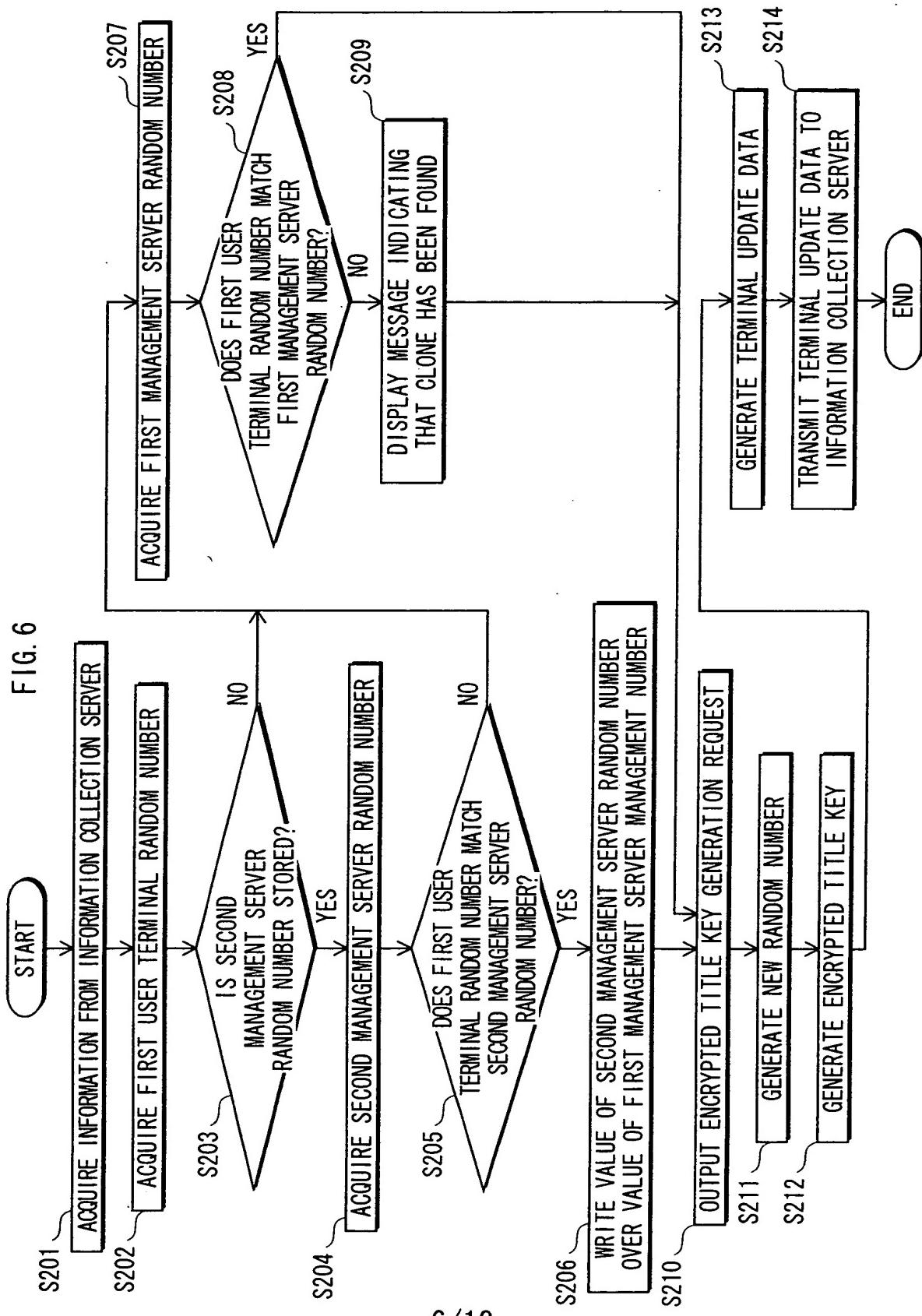


FIG. 7

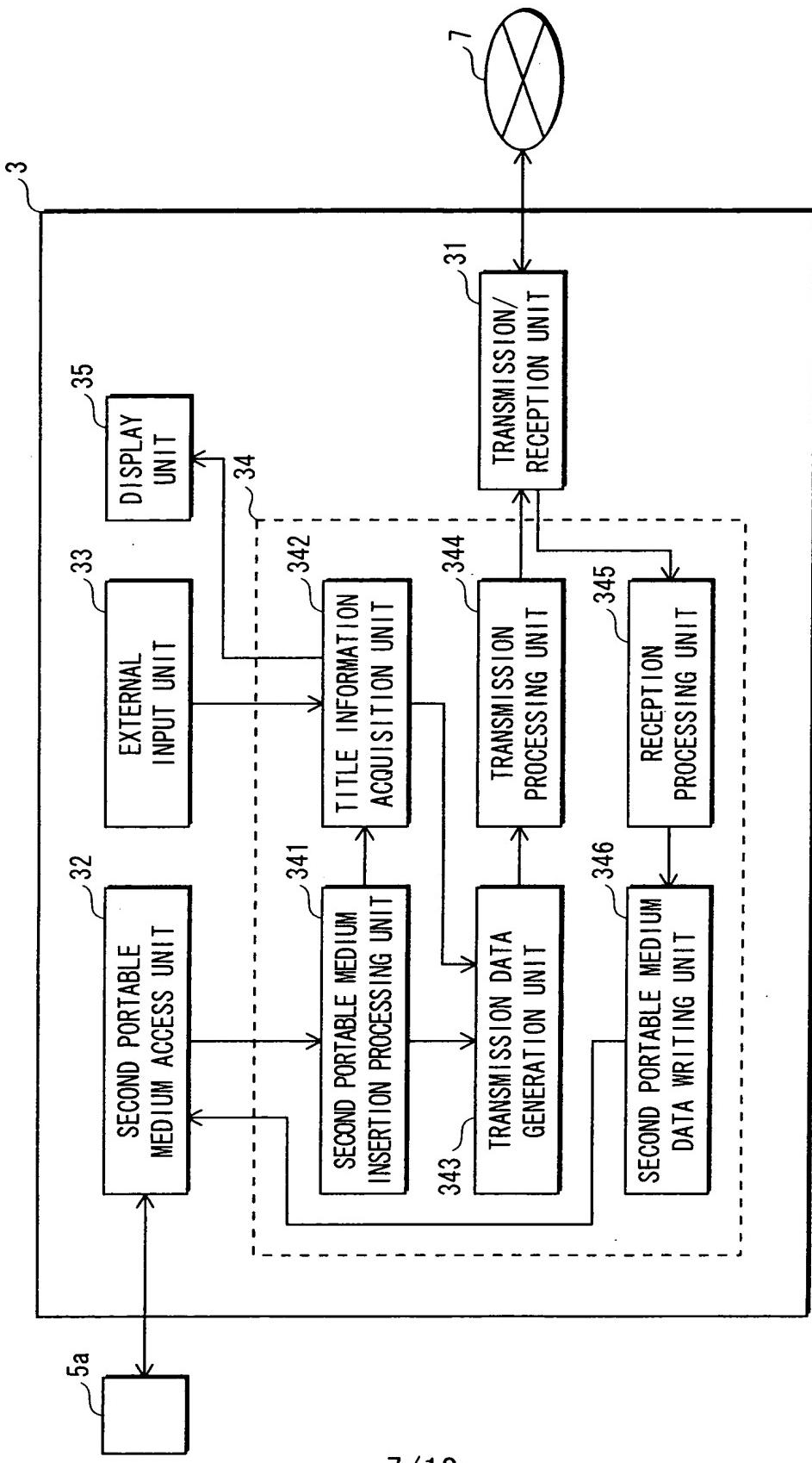


FIG. 8

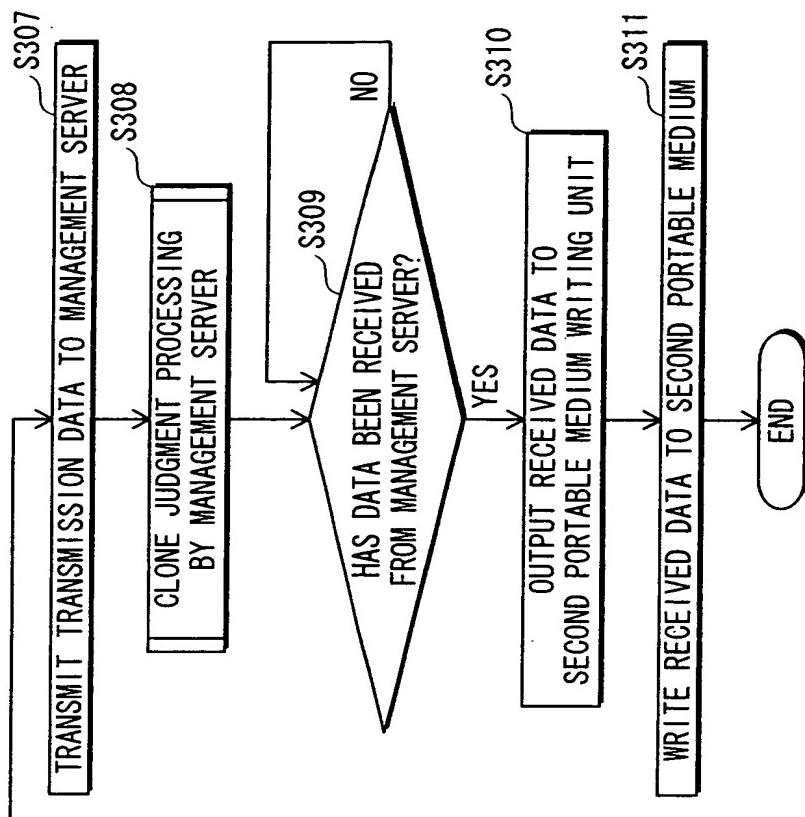
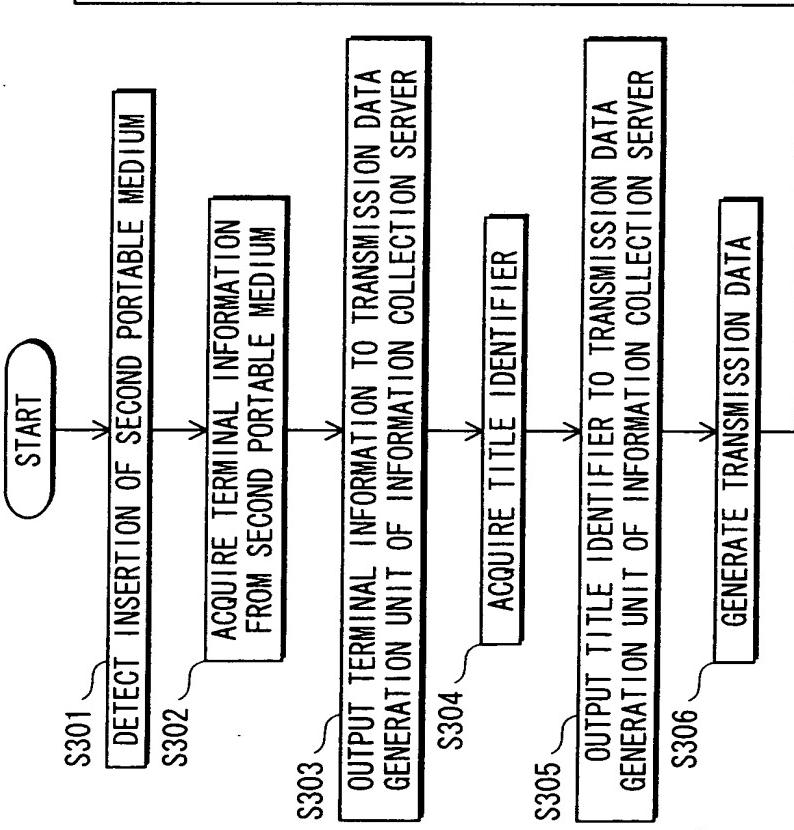


FIG. 9

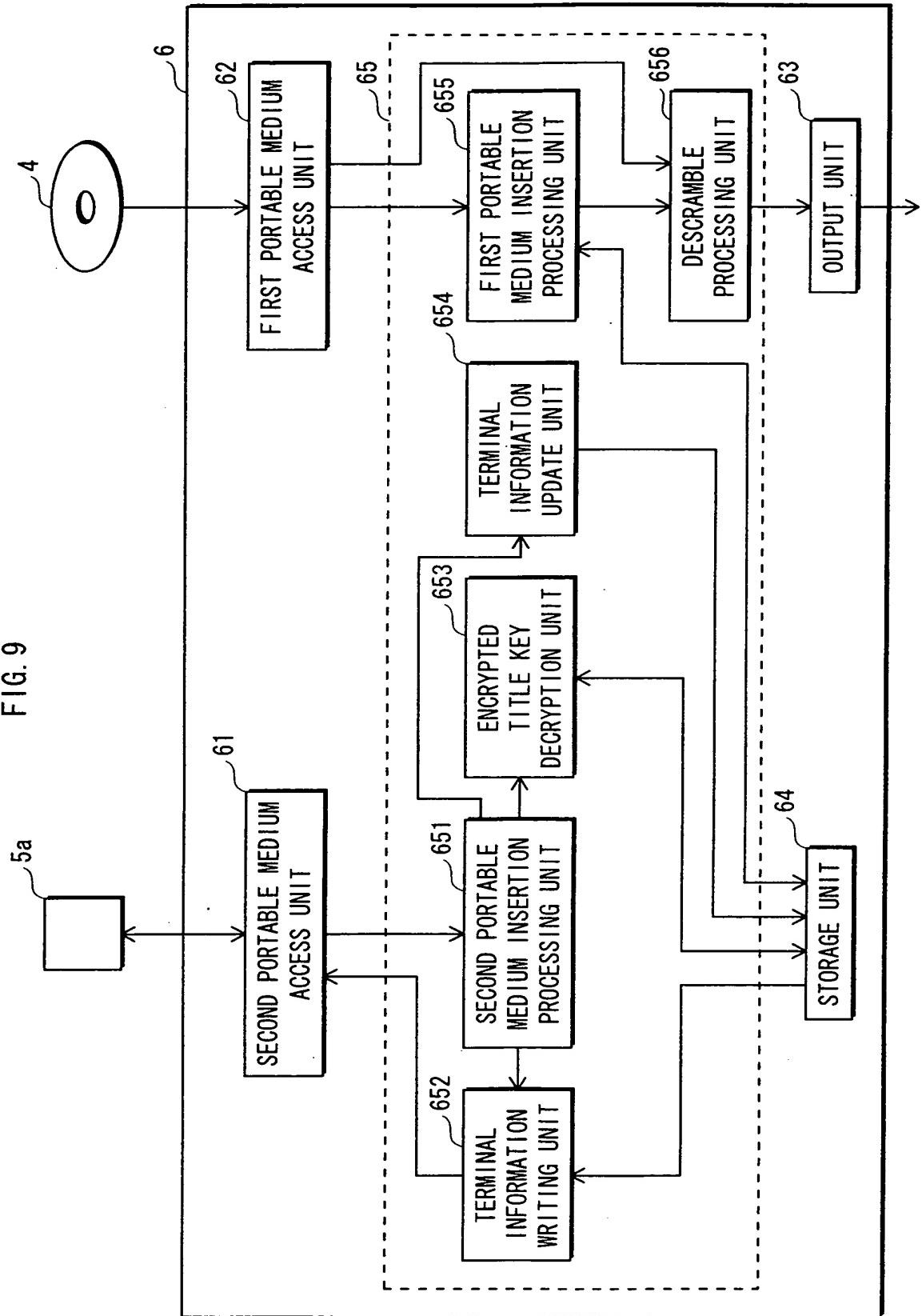


FIG. 10

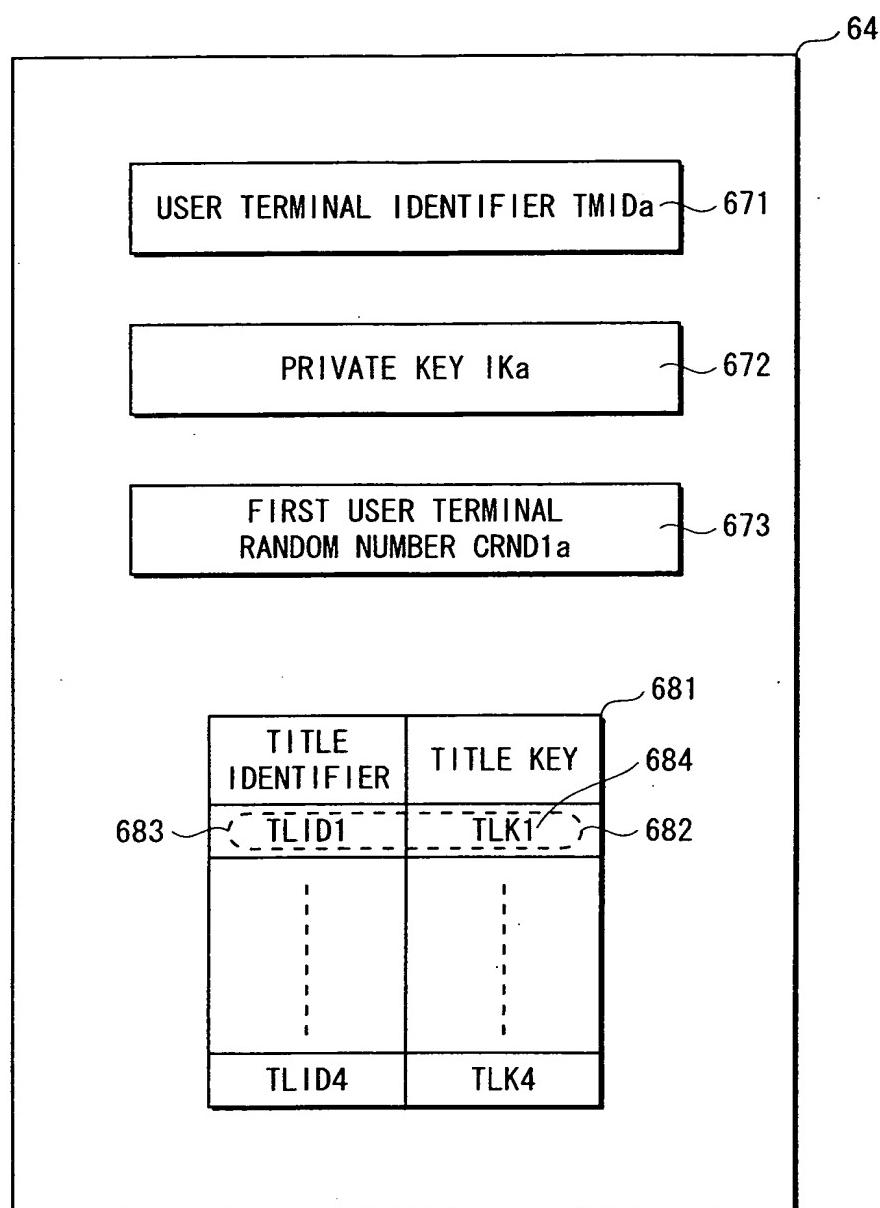


FIG. 11

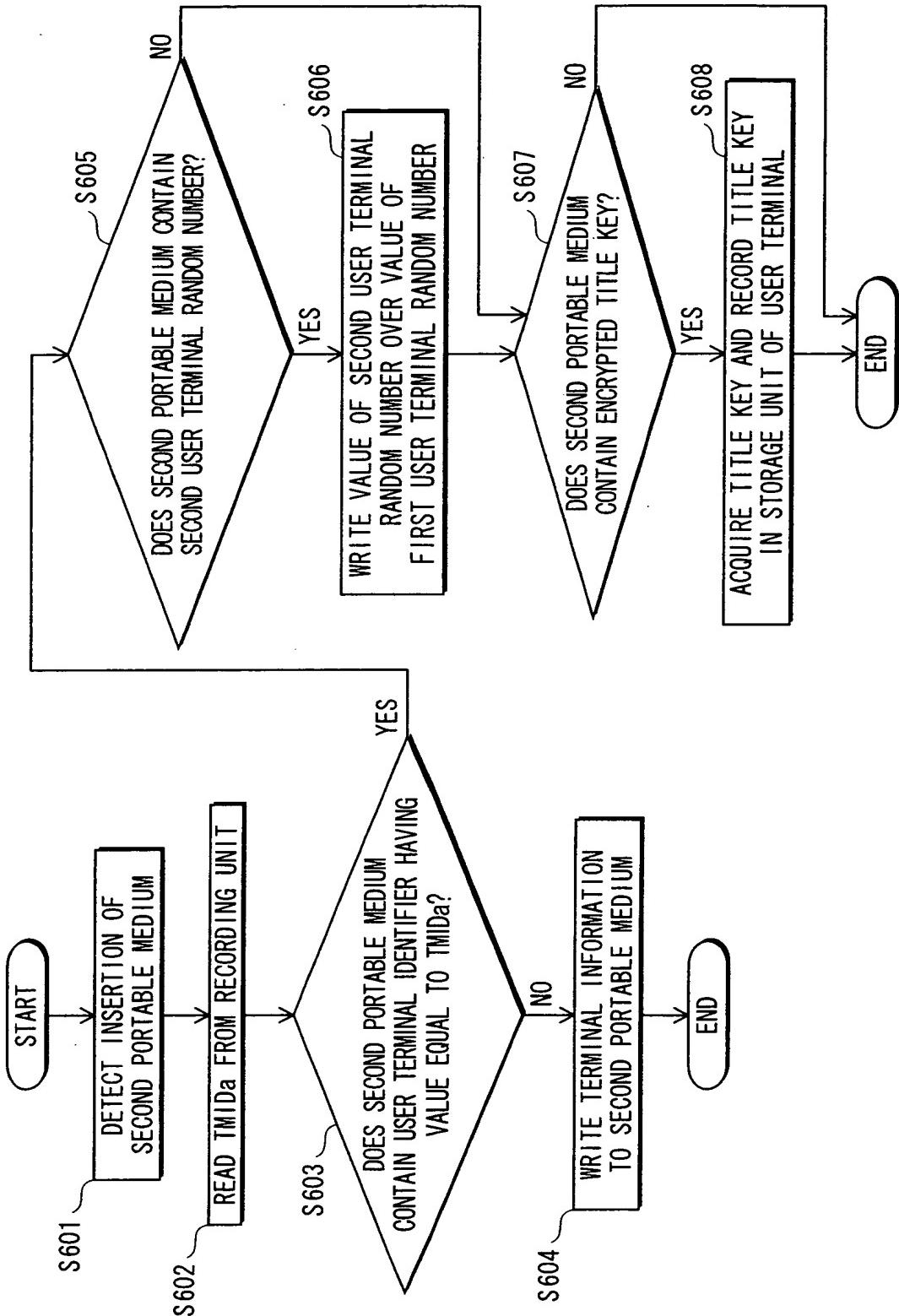


FIG. 12

